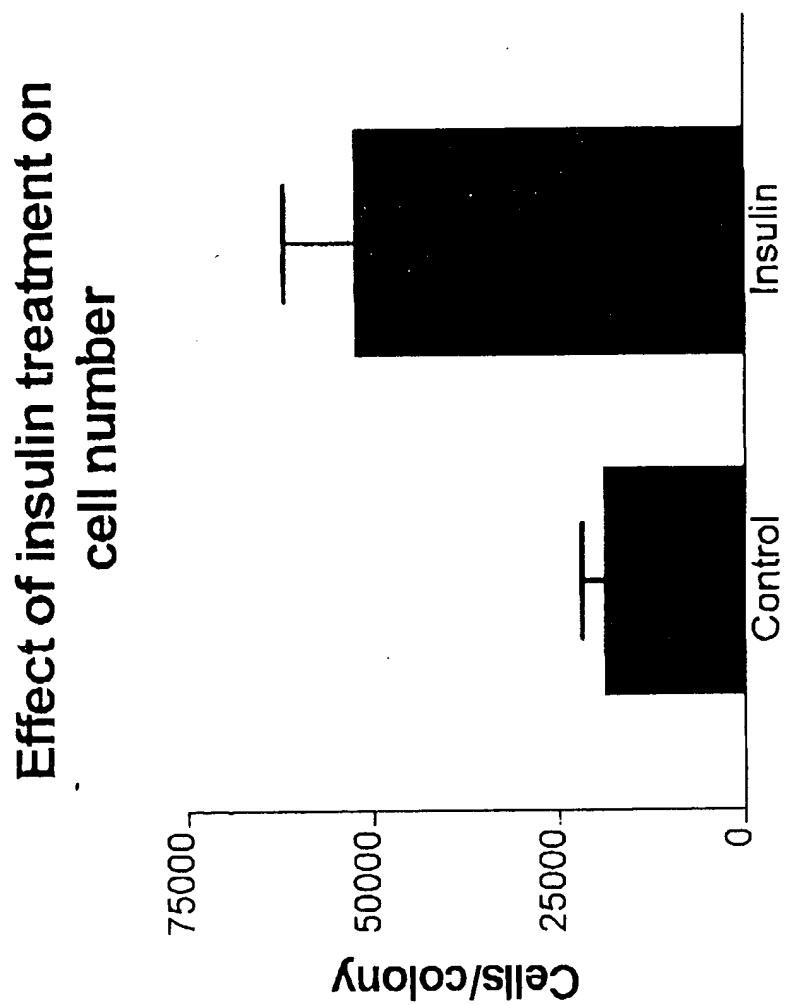


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Figure 1A



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Effects of Insulin or IGF-2 on stem cell numbers after 15 days

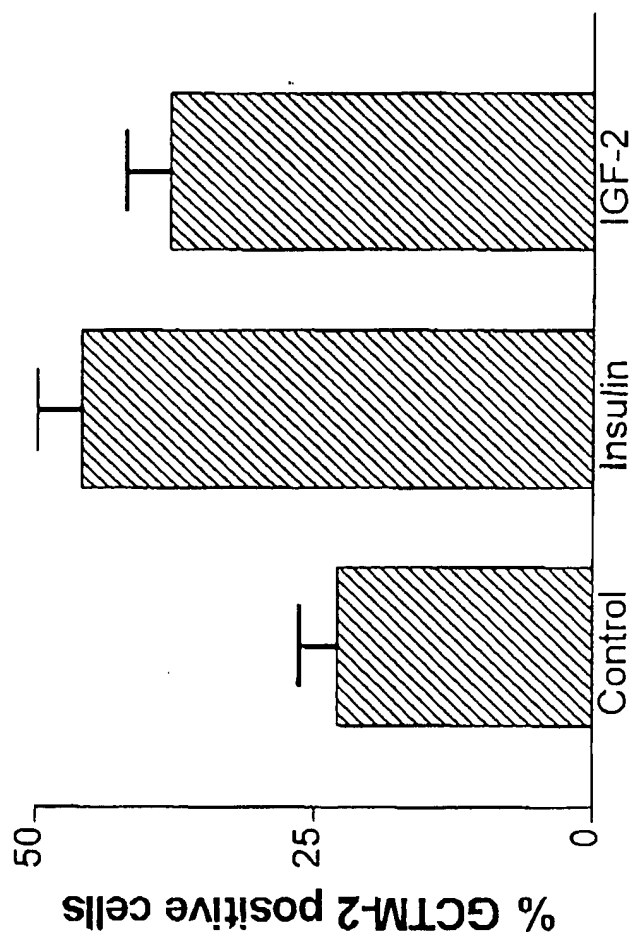


Figure 1B

Gene expression in insulin treated HES

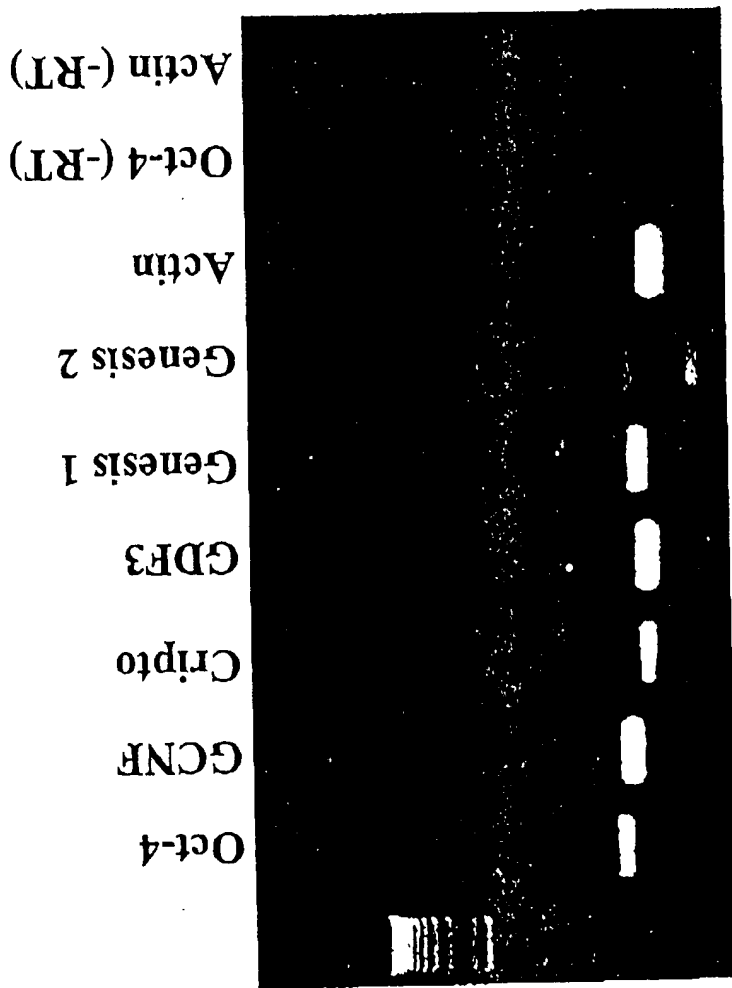


Figure 2

Figure 3A



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Figure 3B



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Figure 3C



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Gene Expression in HES

ES		Diff
AFP		
HNF3 α		
TRF		
Vn		
Actin		
Actin (-RT)		
AFP		
HNF3 α		
TRF		
Vn		
Actin		
Actin (-RT)		

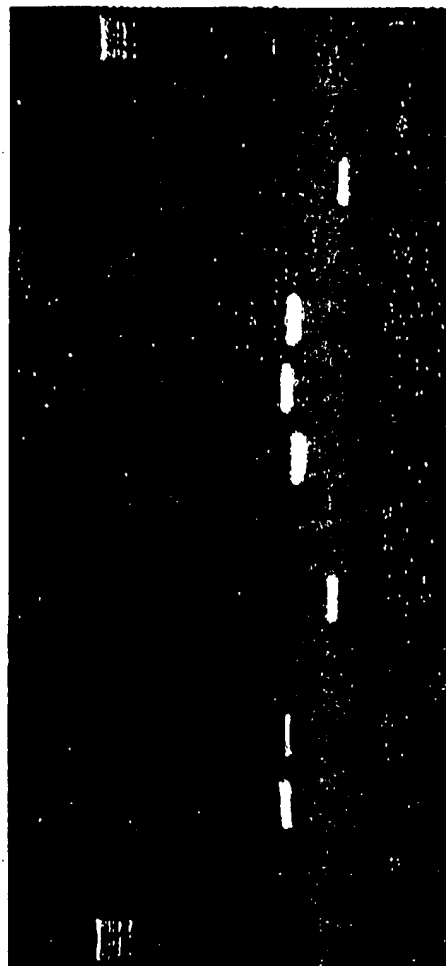


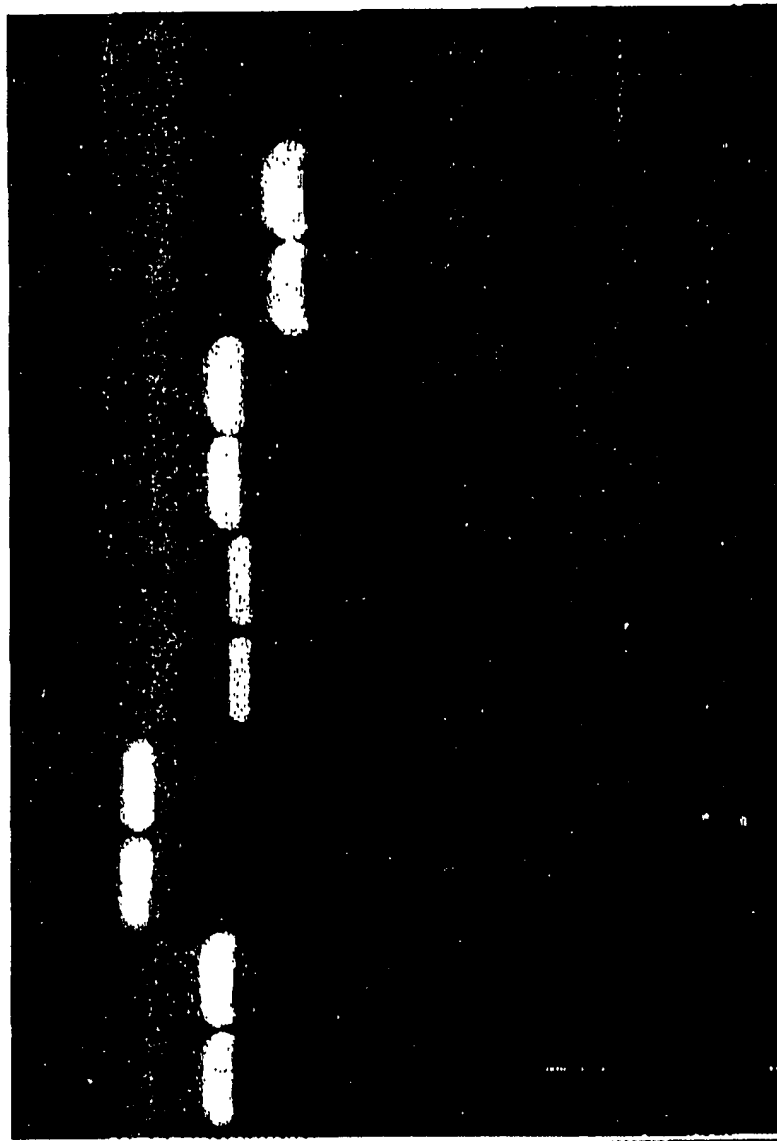
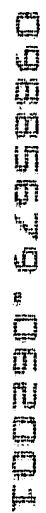
Figure 4

Figure 5



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Figure 6



BMP-2

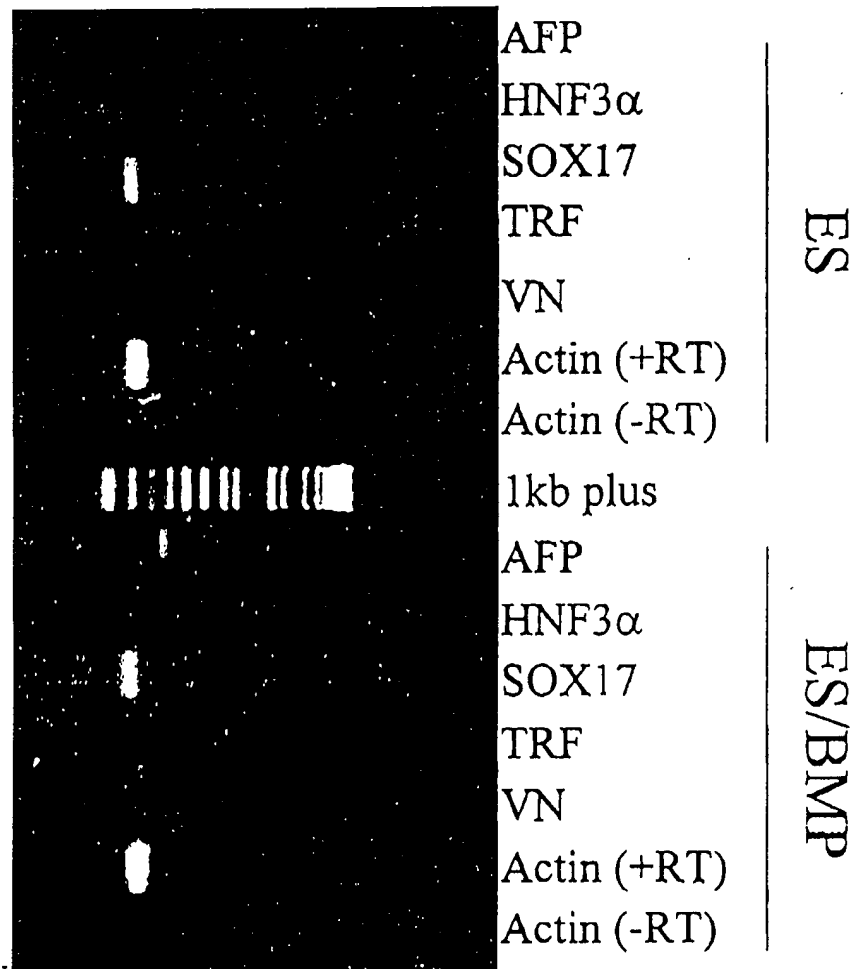
BMPR1A

BMPR2

B-ACTIN

ACTIVINRB

Figure 7



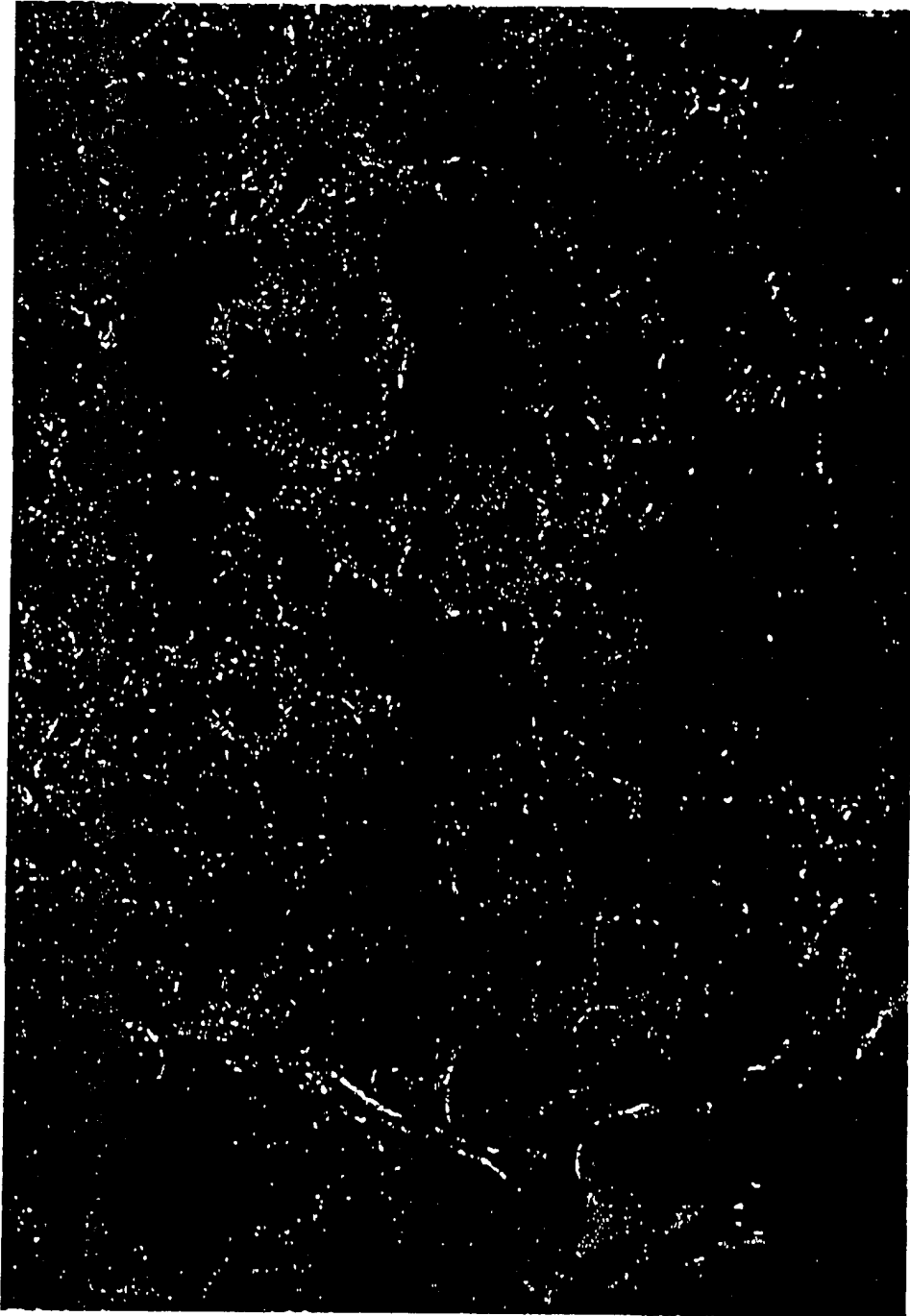
09885679-062001

Figure 8A



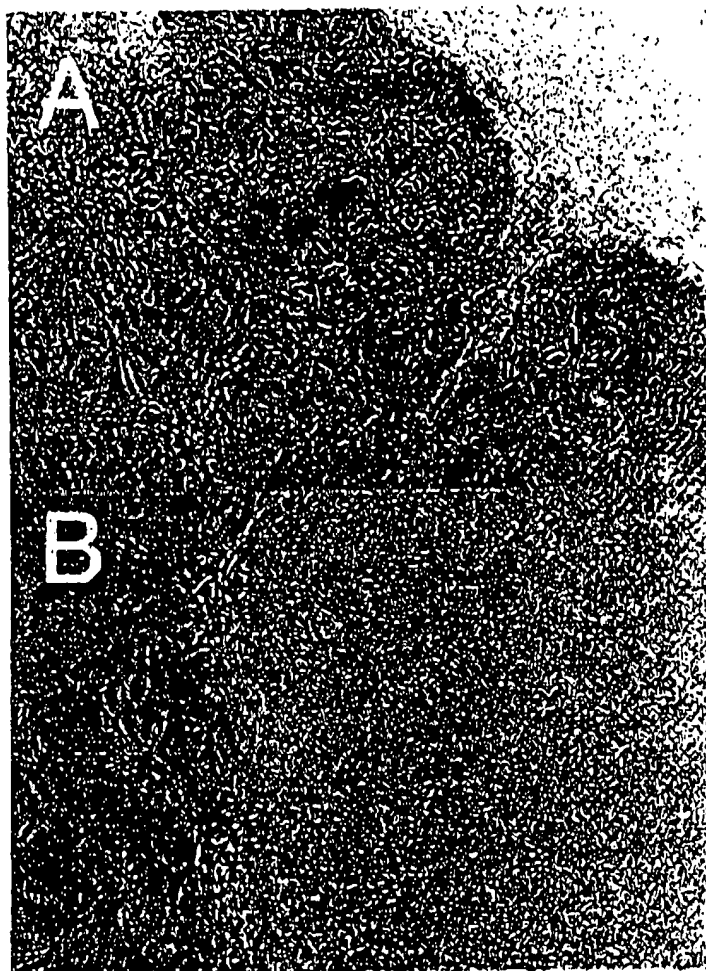
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Figure 8B



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Figure 9



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Effect of noggin or anti-gp130 on proportion of GCTM-2 positive cells

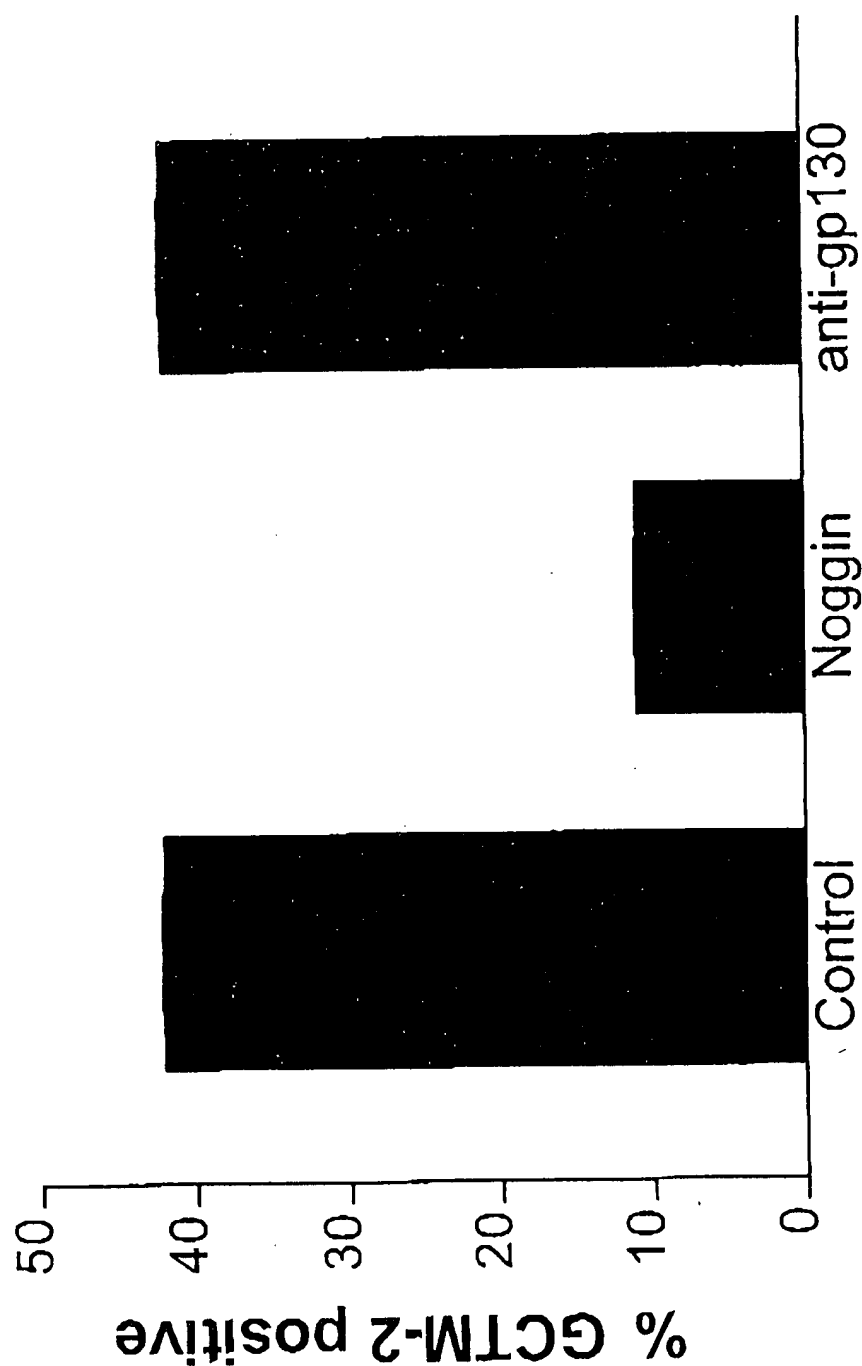


Figure 10

Gene Expression in ES and ES/Noggin cells (2)

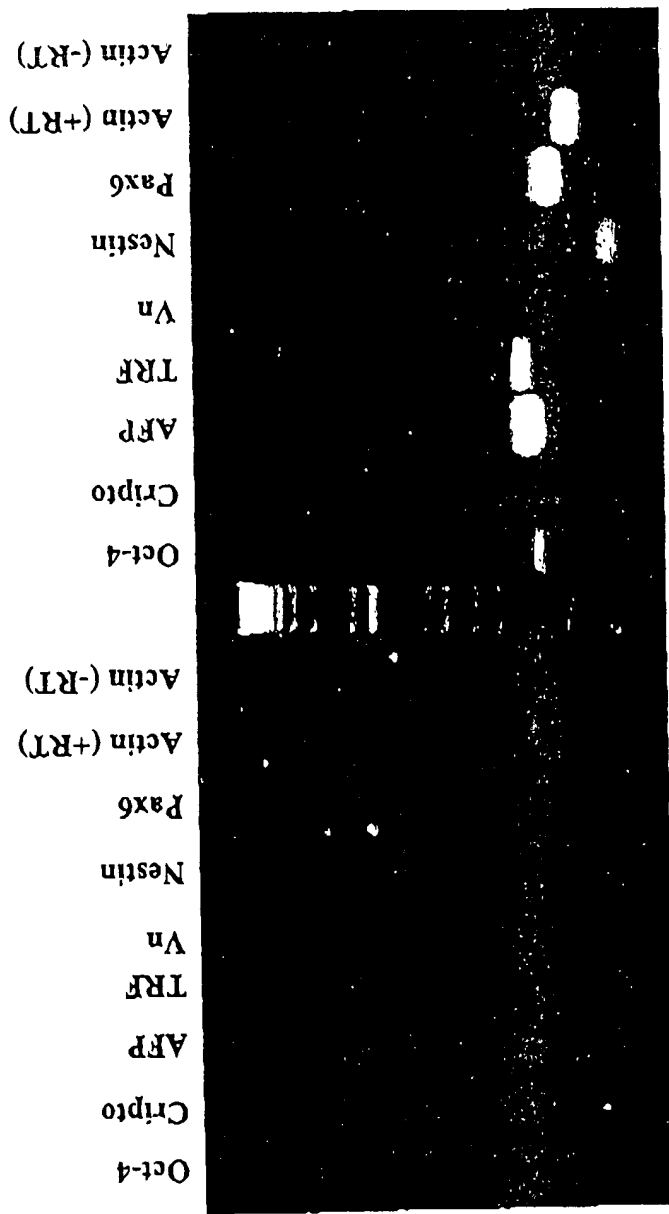
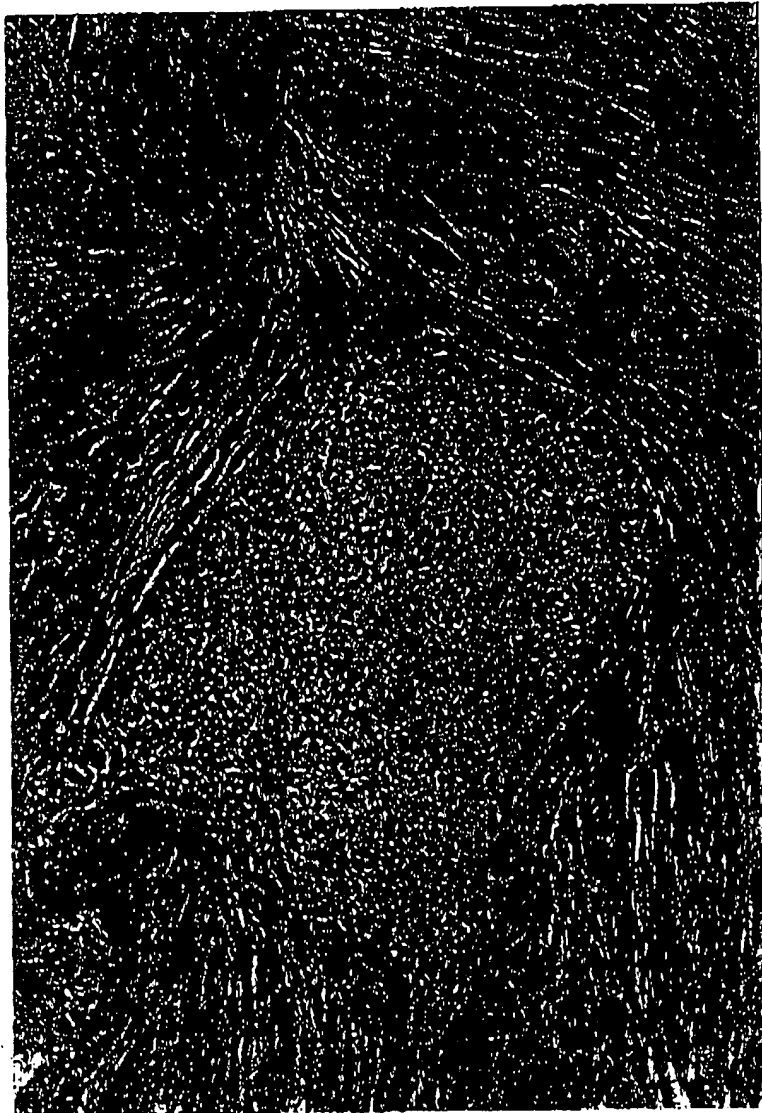


Figure 11

Figure 12



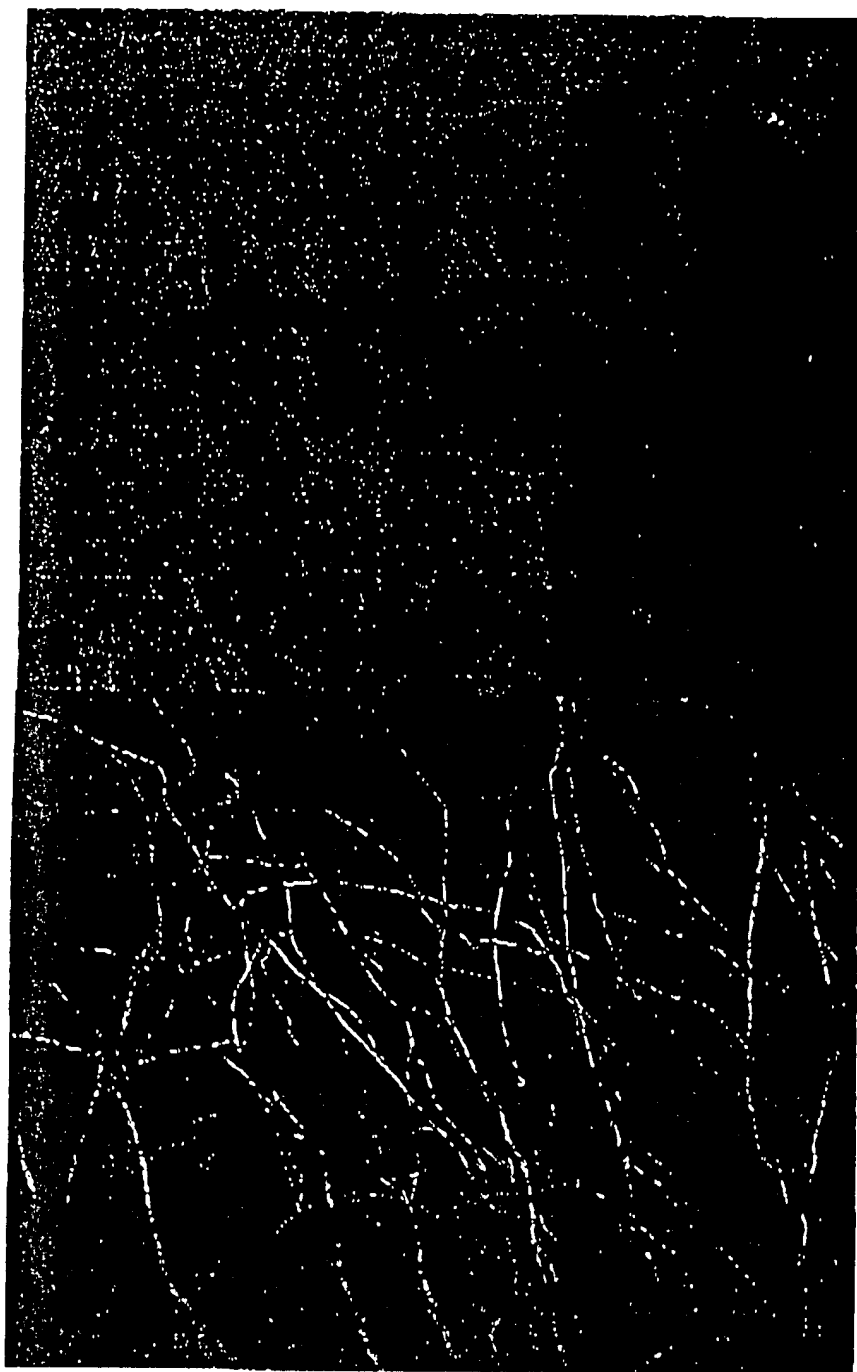
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Figure 13



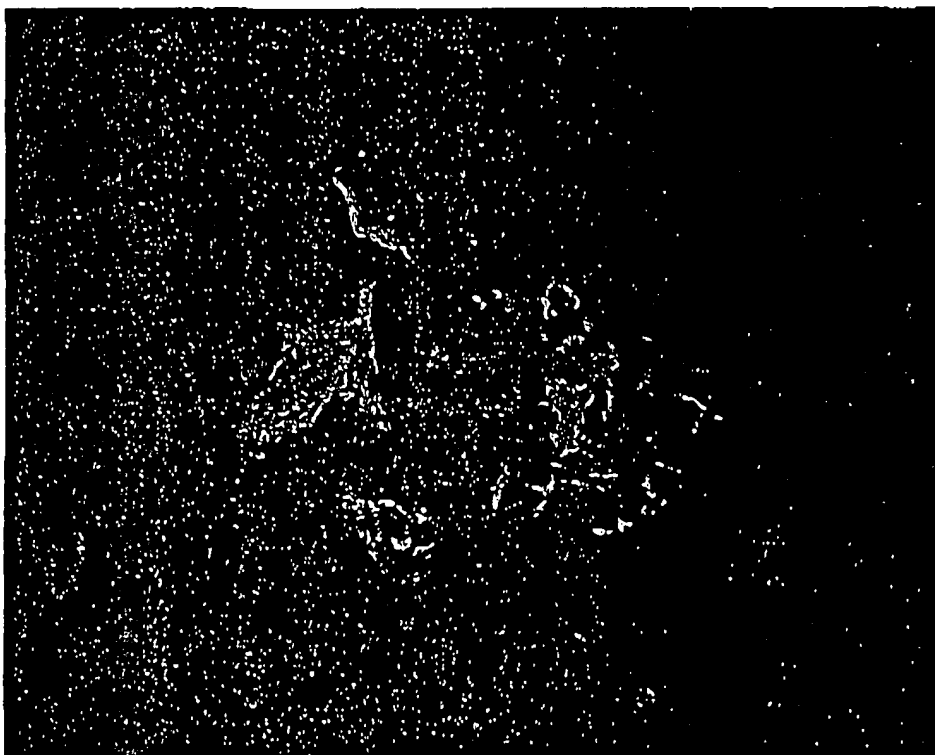
09885679.062001

Figure 14



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Figure 15



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